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ASUS H97-Plus (90MB0IN0-M0EAY0)

ATX, Socket 1150, Intel H97, 4 x DIMM Max. 32GB, HDMI/DVI-D/RGB, Gigabit LAN, UEFI AMI BIOS 64 Mb

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Price details:

Price excl. VAT: 91.48 €
Eco fees: 0.08 €
VAT 21 %: 19.23 €

Product details:

Product code: 90MB0IN0-M0EAY0
EAN: 4716659759522
Manufacturer: ASUS

110.79 €

* VAT included

- Proven quality - 5X Protection. 1000+ compatible devices. 7000+ validation hours.
- Crystal Sound 2 - Flawless audio that makes you part of the game
- Speed up your system with lightning-fast 10Gb/s M.2
- Media-acclaimed UEFI BIOS with new EZ Tuning Wizard
- Fan Xpert 2+ - Ultimate cooling and quietness
- ASUS HomeCloud - A digital PC hub perfect for sharing and home theater

Proven quality. Enduring trust.
We are the world's biggest motherboard manufacturer, and renowned our design thinking that revolves around users - just like you. Our engineers employ exacting standards to guarantee quality throughout the product's life, choosing the finest components for real-world protection. Our motherboards are proven to be compatible with more than 1,000 components and devices, and undergo a minimum of 7,000 hours of strict validation. That gives you the peace of mind of knowing that ASUS motherboards are fit for all environments and applications. To build your PC with the best foundations, build it with an ASUS motherboard.

ASUS 5X Protection Hardware safeguards to ensure long-term durability
Our be-the-best ethos underscores the choice of every single component that goes into your ASUS motherboard. We focus relentlessly on quality to ensure long-term system reliability and performance.

Precise digital power control with ASUS DIGI+ VRM
Voltage regulator modules (VRMs) are among the most essential motherboard components. A good VRM intelligently delivers CPU power based on actual needs at any given time. ASUS was first with digital power design featuring faster sensing and response to deliver precise CPU power on demand. This great accuracy reduces energy waste and of course improves system stability thanks to more consistent delivery.

Enhanced DRAM overcurrent protection
Onboard resettable fuses prevent overcurrent and short-circuit damage. This extends beyond I/O ports to DRAM to safeguard the lifespan of both your system and connected device.

5K-hr solid-state capacitors that last 2.5X longer
Solid-state capacitors are able to withstand extreme temperatures of up to 105°C for as long as 5,000 hours - that's two-and-a-half (2.5X) times longer than traditional capacitors. This exceptional durability means superb real-world endurance to more typical PC operating temperatures, ensuring that ASUS motherboards continue working longer.

Stainless-steel back I/O that lasts 3X longer
ASUS motherboard back I/O panels are made from strong and corrosion-resistant stainless steel, which is bonded with a thin layer of chromium oxide to enhance anti-corrosive properties. Passing 72-hour spray salt endurance tests, ASUS stainless steel back I/O panels have a lifespan that's three times (3X) longer compared to ordinary panels.

ESD Guards for protection from electrostatic discharge
Electrostatic discharge (ESD) can happen suddenly, and its damaging effects are easily underestimated. ASUS ESD Guards are tested to very high standards, capable of up to +/- 10kV for air discharge and +/-6kV for contact discharge. We employ an active protective circuit design to guard your system against electrostatic interference and damage, providing greater component longevity.

Proven compatibility
Having the freedom to pick and choose the parts that go into your machine is at the heart of PC DIY. Our extensive certification program focuses on providing the very best compatibility with the widest range of components and devices, giving you the freedom to build and upgrade without frustration. Compatible today and compatible far into the future - that's the ASUS way.

Tested - 1,000+ compatible CPUs, memory modules, graphics cards and more
Every 9 Series motherboard is compatible with thousands of devices. Our engineers fit and assess both server and consumer CPUs, hundreds of memory modules, dozens of graphics cards, loads of storage devices, power supplies, network devices, displays, optical drives, peripherals and many more. We do this to give you complete confidence in our products and their superb compatibility.

Complete & Public QVL
We're so confident in our 9 Series motherboards' superior compatibility that we publish our entire QVL for all to see - delivering you more choices for worry-free PC-building experiences. There are no gaps in our QVL: every compatible component is on the list for all to see. To check that a particular component or device is compatible with your motherboard, just reference the QVL for instant reassurance.

Top-to-bottom reliability
Our motherboards have superb endurance. We verify this by subjecting every board to over 7,000 hours of stringent tests. A barrage of burn-in, environmental, compatibility, software and safety tests confirm that our motherboards are exceptionally robust - with reliability that surpasses industry standards.

Extensive testing for extreme reliability, compatibility and safety
Each motherboard is subjected to extended reliability testing under heavy load conditions, from the transportation to daily operations, to make sure they are delivered to you in perfect condition. Trials include temperature and humidity, burn-in, power on/off, power consumption, insertion and thermal-shock testing among many others. Every certified-compatible component puts through an up to 24-hour aging test to ensure trouble-free operation every day - no matter what you fit or attach and no matter what you do!

Flawless audio that makes you part of the game
Crystal Sound 2 makes short work of optimizing audio settings for the way you want to listen, be it gaming, chatting, watching movies or relaxing to your favorite music. Onboard physical shielding, professional engineered design and premium components, including Japanese-made audio capacitors and operational amplifiers (op-amps), result in sound output that has exceptional clarity and fidelity. Discover a whole new dimension of superior audio and get ready to rule!

Media-acclaimed UEFI BIOS
The smoothest, slickest mouse-controlled graphical BIOS has been improved to make it even more appealing. Whether you're a PC novice or a seasoned overclocker, the EZ and Advanced Modes help you find your way, quickly and easily.

Ultimate cooling and quietness with Fan Xpert 2+
Fan Xpert 2+ is an extremely advanced fan-management tool that puts 4-pin and 3-pin(PWM/DC) case fan controls in one place, allowing you to control 3-pin case fans with the same precision as that offered by 4-pin connectors - so you'll have quieter fans and more efficient operation. It also scans each fan's characteristics and intelligently delivers custom settings for each fan based on the dedicated area temperatures. With Fan Xpert 2+, every fan achieves the best balance of cooling, performance and quiet operation.

Ultra-fast, always!
170% faster transfer speeds with USB 3.0 Boost
ASUS USB 3.0 Boost technology supports UASP (USB Attached SCSI Protocol) USB 3.0 in Windows 8. With USB 3.0 Boost technology, a USB device's transmission speed is significantly increased up to 170%, adding to already fast USB 3.0 performance. ASUS software automatically accelerates data rates for compatible USB 3.0 peripherals without any user interaction.

Speed up your system with M.2
With two native PCI Express 2.0 bandwidth, M.2 supports up to 10Gbit/s data-transfer speeds. It is the perfect choice for an operating system drive, making your whole PC work that much faster. It supports Intel® Rapid Storage Technology to ensure even faster access to data, refresh applications automatically and awake from sleep in just seconds!

PC DIY has never been this easy
We understand how you use your PC. From assembly, system setting and monitoring, and to firmware and hardware updates - we're all about making your life easier. That's why we never stop developing new and exciting DIY opportunities to make PC DIY easy, fun and free from hassle!

Your PC, your world
ASUS HomeCloud creates a world without boundaries. It lets you access your PC remotely, stream multimedia content to wherever you want, and manage all your stuff from anywhere - no matter where it's stored. Use the built-in Wake on WAN feature to remotely wake and control your PC with a single smart device, anywhere and anytime. It even turns

your hard drive into a private cloud, removing worries about storage limits. With HomeCloud, your PC becomes the gateway to your world.

A digital PC hub perfect for sharing and home theater
Enjoy your PC's multimedia content -anywhere! Pipe music from your PC while sipping coffee in a café or sit back with friends and stream a favorite movie to a smart TV. With ASUS Media Streamer, your entertainment goes wherever you go.

Main specifications:

Memory

Supported memory types:	DDR3-SDRAM
Memory slots type:	DIMM
Memory channels:	Dual
Non-ECC:	Y
Supported memory clock speeds:	1333, 1600 MHz
Maximum internal memory:	32 GB
Unbuffered memory:	Y
Memory slots:	4

Processor

Processor family:	Intel
Compatible processor series:	Celeron, Core i3, Core i5, Core i7, Pentium
Processor socket:	Socket H3 (LGA 1150)

Internal I/O

USB 2.0 connectors:	3
USB 3.0 connectors:	1
Supported hard disk drive interfaces:	Serial ATA III
S/PDIF out connector:	Y
CPU fan connector:	Y
Number of COM connectors:	1
Number of EATX power connectors:	1
Number of chassis fan connectors:	2
TPM connector:	Y
Number of SATA III connectors:	6

Back panel I/O ports

USB 2.0 ports quantity:	2
USB 3.0 ports quantity:	4
Ethernet LAN (RJ-45) ports:	1
PS/2 ports quantity:	2
Headphone outputs:	1
Microphone in:	Y
VGA (D-Sub) ports quantity:	1
DVI-D ports quantity:	1
HDMI ports quantity:	1

Networking

Ethernet LAN:	Y
LAN controller:	Realtek RTL8111GR
Ethernet interface type:	Gigabit

Performance

Component for:	PC
Motherboard chipset family:	Intel
Motherboard chipset:	Intel H97
Motherboard form factor:	ATX
Audio output channels:	7.1
RAID levels:	0, 1, 5, 10
Windows operating systems supported:	Windows 7 Home Basic, Windows 7 Home Premium, Windows 7 Starter, Windows 7 Ultimate, Windows 8, Windows 8 Enterprise, Windows 8 Pro, Windows 8.1, Windows 8.1 Enterprise, Windows 8.1 Pro

Graphics

Parallel processing technology support:	Quad-GPU CrossFireX

Expansion slots

PCI Express x1 slots:	2
PCI Express x16 (Gen 2.x) slots:	1
PCI Express x16 (Gen 3.x) slots:	1
PCI slots:	2

BIOS

BIOS type:	UEFI AMI
BIOS memory size:	8 MB
ACPI version:	5.0
Clear CMOS jumper:	Y

Weight & dimensions

Width:	305 mm
Depth:	218 mm

Packaging content

Cables included:	SATA

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